

BRIEF NOTE

Additional Records of Dragonflies (Odonata) from Ohio¹

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Abstract: This report is a contribution to The Ohio Dragonfly Survey. It includes 293 new county records involving 65 species of dragonflies and damselflies from 62 Ohio counties. Included are three extensions of seasonal distributions. These new records are based upon specimens collected June through August, 1961.

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INTRODUCTION

The purpose of this paper is to make available additional information concerning the geographic and seasonal distribution of Odonata reported from Ohio. The *Ohio Odonata Survey*, coordinated by Robert G. Glotzhober, Assistant Curator of Natural History, of the Ohio Historical Society, was funded in 1991 by the Ohio Department of Natural Resources to bring together records of the distribution of the 155 species of dragonflies and damselflies reported from Ohio. The distribution records reported in this paper are based upon museum specimens collected or received by the author and in his collection at Denison University. Included are those collected by the author and a Denison University student, Eugene S. Morton (ESM), throughout Ohio during the summer of 1960. These are supplemented in part by specimens collected by Richard P. Klein (RPK) from northeast Ohio, particularly Ashtabula County. Numerous specimens were supplied from southwestern counties by Frank J. Moore (FJM).

MATERIALS AND METHODS

The reported records are based upon field-collected specimens. Those taken by Alrutz and Morton were collected and identified in the field utilizing a dissecting microscope. If possible, identifications were made while the specimens were still fresh and before colors faded. The identifications of those specimens collected by Klein and Moore were confirmed by the author and were based upon the standard North American sources by Needham and Heywood (1929), Needham and Westfall (1955), and Walker (1953). In some instances identification was confirmed by consultation with the late Donald J. Borror of The Ohio State University. The specimens, together with collection data, were stored in 9 x 7 cm cellophane freezer bags kept in insect storage drawers at Denison University.

RESULTS

The specimens on which this report is based will be deposited in the collection of The Ohio State University, Department of Entomology. They represent 65 species from 62 Ohio counties and provide 293 county records not previously reported. They are arranged according to the

numbering system for Odonata as developed by Robert Glotzhober (1991).

NEW COUNTY RECORDS OF ODONATA FROM OHIO

- 2 *Tachopteryx thoreyi* (Hagen); **Perry.**
- 33 *Gomphus fraternus* (Say); **Tuscarawas.**
- 58 *Gomphus exilis* Selys; **Perry.**
- 72 *Gomphus villosipes* Selys; **Columbiana, Cuyahoga.**
- 74 *Dromogomphus spoliatus* (Hagen); **Auglaize, Hancock, Sandusky, Shelby.**
- 75 *Dromogomphus spinosus* Selys; **Belmont, Guernsey.**
- 79 *Gomphaeschna antilope* (Hagen); **Cuyahoga.** This specimen, taken by E. S. Morton also extends the seasonal record to 25 June.
- 81 *Boyeria vinosa* (Say); **Ashtabula** (RPK), **Clinton** (FJM), **Crawford, Darke, Gallia, Lawrence, Morrow, Preble.**
- 85 *Anax junius* (Drury); **Belmont, Clinton** (FJM), **Noble, Perry.**
- 96 *Aeshna mutata* Hagen; **Tuscarawas.**
- 97 *Aeshna umbrosa* Walker; **Crawford.**
- 136 *Epithea princeps* Hagen; **Butler, Clermont, Clinton** (FJM), **Highland, Hocking** (FJM), **Holmes, Lawrence, Ross, Seneca.**
- 138 *Epithea cynosura* (Say); **Adams** (FJM), **Clinton** (FJM), **Medina, Monroe, Ross, Warren** (FJM).
- 146 *Somatochlora linearis* (Hagen); **Gallia, Hancock, Lawrence, Van Wert.**
- 172D *Perithemis tenera* (Say); **Ashtabula** (RPK), **Auglaize, Butler, Lake, Mahoning.**
- 173 *Celithemis eponina* (Drury); **Highland, Mahoning, Pickaway, Stark.**
- 174 *Celithemis elisa* (Hagen); **Brown** (W. F. Lyon), **Butler, Clinton** (FJM), **Cuyahoga, Highland, Morrow, Noble, Ross, Scioto** (FJM).
- 190 *Libellula luctuosa* Burmeister; **Butler, Hancock.**
- 196 *Libellula cyanea* Fabricius; **Licking, Noble, Ross.**
- 198 *Libellula semifasciata* Burmeister; **Clinton** (FJM).
- 199 *Libellula pulchella* Drury; **Clinton** (FJM), **Darke, Stark.**
- 205 *Libellula vibrans* Fabricius; **Morgan.**
- 207 *Libellula lydia* Drury; **Butler, Clinton** (FJM).
- 217 *Sympetrum rubicundulum* (Say); **Belmont, Fayette, Gallia, Jackson.**

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- 219 *Sympetrum semicinctum* (Say); **Seneca, Wood.**
 220 *Sympetrum vicinum* (Hagen); **Gallia, Highland, Jackson, Jefferson, Mahoning, Meigs, Noble, Seneca, Stark.**
 225 *Leucorrhinia intacta* (Hagen); **Highland** (FJM).
 230 *Pachydiplax longipennis* (Burmeister); **Lake, Stark.**
 231 *Erythemis simplicicollis* (Say); **Ashtabula** (RPK), **Belmont, Noble.**
 238 *Pantala hymenea* (Say); **Guernsey, Lawrence.**
 239 *Pantala flavescens* (Fabricius); **Coshocton, Licking, Meigs, Seneca.**
 242 *Tramea lacerata* Hagen; **Butler, Clinton** (FJM), **Noble, Scioto** (FJM), **Tuscarawas.**
 251 *Calopteryx maculatum* (Beauvais); **Belmont, Columbiana, Crawford, Medina, Pickaway, Seneca, Van Wert.**
 254 *Hetaerina americana* (Fabricius); **Clinton** (FJM), **Marion, Union.**
 257 *Archilestes grandis* Rambur; **Clinton** (FJM), **Licking, Marion, Morrow.** The Clinton County record extends the earliest seasonal record to 3 July.
 259 *Lestes inequalis* Walsh; **Holmes, Lake, Perry, Summit.**
 260 *Lestes eurinus* Say; **Morgan.**
 262 *Lestes unguiculatus* Hagen; **Clermont, Darke, Van Wert.**
 265 *Lestes forcipatus* Rambur; **Allen, Van Wert.**
 266B *Lestes disjunctus australis* Selys; **Gallia, Mahoning, Noble, Pike, Seneca.**
 267 *Lestes rectangularis* Say; **Clermont, Gallia, Harrison, Highland, Jefferson, Lawrence, Meigs, Morgan, Noble, Perry, Ross, Van Wert, Warren.**
 268 *Lestes dryas* Kirby; **Columbiana, Summit, Trumbull.**
 270 *Lestes vigilax* Hagen; **Lake.**
 277 *Argia apicalis* (Say); **Clark, Crawford, Highland, Jackson.**
 280A *Argia fumipennis violacea* (Hagen); **Allen, Fayette, Hamilton, Noble, Shelby, Union, Van Wert.**
 284 *Argia moesta* (Hagen); **Columbiana, Coshocton, Crawford, Preble.**
 286 *Argia sedula* (Hagen); **Allen, Crawford, Highland, Pickaway, Preble, Sandusky, Seneca, Union.**
 288 *Argia tibialis* (Rambur); **Harrison, Lake, Lorain, Muskingum, Perry, Seneca, Union, Warren.**
 290 *Argia translata* Hagen; **Belmont, Jefferson,**

Lawrence, Logan. The Jefferson County record was taken on 9 August, extending the seasonal date by one month.

- 295 *Amphiagrion saucium* (Burmeister); **Columbiana, Noble, Summit.**
 298 *Nehalennia gracilis* Morse; **Summit.**
 300 *Nehalennia irene* (Hagen); **Columbiana, Summit.**
 301 *Chromagrion conditum* (Hagen); **Medina, Noble, Perry.**
 306 *Enallagma divagans* Selys; **Perry.**
 314 *Enallagma geminatum* Kellicott; **Highland, Lake, Ross, Seneca.**
 321 *Enallagma signatum* (Hagen); **Allen, Butler, Fayette, Guernsey, Hardin, Highland, Lake, Lawrence, Mahoning, Medina, Monroe, Ross, Seneca.**
 322 *Enallagma vesperum* Calvert; **Summit.**
 326 *Enallagma ebrium* (Hagen); **Union.**
 327 *Enallagma exsulans* (Hagen); **Belmont, Geauga, Hancock, Harrison, Lawrence, Lorain, Morgan, Noble, Preble, Richland.**
 330 *Enallagma antennatum* (Say); **Allen, Columbiana, Medina, Noble, Ross, Seneca.**
 333 *Enallagma civile* (Hagen); **Allen, Coshocton, Meigs, Monroe, Noble, Ross, Summit.**
 338 *Enallagma basidens* Calvert; **Allen, Auglaize, Belmont, Butler, Columbiana, Fayette, Hamilton, Hardin, Highland, Holmes, Lawrence, Medina, Noble, Perry, Portage, Ross, Seneca, Stark, Trumbull, Tuscarawas.**
 339 *Enallagma aspersum* (Hagen); **Clermont, Harrison, Holmes, Meigs, Morgan, Noble, Perry, Ross, Warren.**
 349 *Ischnura posita* (Hagen); **Allen, Crawford, Cuyahoga, Gallia, Highland, Jefferson, Lake, Mahoning, Noble, Preble, Ross, Seneca, Stark, Van Wert.**
 360 *Anomalagrion hastatum* (Say); **Belmont, Gallia, Highland, Jackson, Lawrence, Meigs, Miami, Scioto, Trumbull.**

LITERATURE CITED

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